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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/681,149 | 10/09/2003 | Sang-Don Jang | 1572.1166 | 8823 |

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| EXAMINER |
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NOVOSAD, JENNIFER ELEANORE

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| ART UNIT | PAPER NUMBER |
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3634

DATE MAILED: 05/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary**Application No.**

10/681,149

Applicant(s)

JANG, SANG-DON

Examiner

Jennifer E. Novosad

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 April 2006.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5, 7, 8 and 10-32 is/are pending in the application.
4a) Of the above claim(s) 10-32 is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-5, 7 and 8 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 02/17/2006.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

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DETAILED ACTION

This final Office action is in response to the amendment filed April 10, 2006 by which claim 1 was amended and claims 6 and 9 were canceled.

Election/Restriction

Claims 10-32 stand withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim.

Applicant's election without traverse of Group I, i.e., claims 1-9, in the reply filed on October 24, 2005 is noted.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1 and 3 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 is rendered indefinite by the recitations "support side edges" and "supporting a front edge" in lines 3 and 4, respectively. *In particular*, these *positive* recitations improperly seek to link positively recited structure, i.e., the supporters, to functionally recited structure, i.e., the edges of the glass. A functional recitation, such as --adapted to support--, should only be used when linking positive structure to functional structure. This rejection is also applicable to claim 3 (see lines 4 and 8).

Claim Rejections - 35 USC § 102

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-5, 7, and 8 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,092,981 (Pfeiffer et al. '981).

Pfeiffer et al. '981 disclose a cassette (see Figures 9-11) comprising side frames (vertically extending elements in the left rear and right rear perspective in Figure 9), a rear frame (vertically extending element in the left front perspective) and a front frame (element 102 and the vertically extending element in the right front perspective) whereby each frame is cylindrical (at 62 in Figure 6) and each frame comprises a plurality of supporters (68 - see Figure 6) capable of supporting edges of a glass; the rear and front frames having a center supporter (66) disposed amid the plurality of supporters (68) whereby the center supporter (66) is longer (see Figure 6) than the rear and front supporters (68); the front frame (at 102) including an arm accommodator (hole therein) which allows a transfer device (120-130) to enter the cassette; and *with respect to claims 5 and 8*, the arm accommodator having a step shape (see bottom of Figure 9 which shows a notched side on the left and right sides thereof) - it is noted that the claims do not require that the step shape needs to accommodate the transfer device.

With respect to the recitation "to store an LCD glass having a plurality of edges" in lines 1-2 of claim 1, it is noted that this is a functional recitation, i.e., the claims are not positively requiring that such an LCD glass be provided (see Section 112, 2nd paragraph rejection advanced above also). *Thus*, a reference need not explicitly show use with such a glass (i.e., having a plurality of sides) in order to meet the claim language. *Rather*, a reference need only "be capable of being used" with such a glass to meet the recitation. *Accordingly*, since Figures 9-11 of Pfeiffer et al. '981 show a cassette having multiple side, i.e., the cassette is considered to be

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rectangularly shaped, Pfeiffer et al. '981 is certainly capable of storing, holding, etc., a glass having a plurality of sides, as recited in claim 1, thereby reading on the claims.

Response to Arguments

Applicant's arguments filed April 10, 2006 have been fully considered but they are not persuasive.

With respect to applicant's argument that "Pfeiffer fails to teach or suggest an LCD glass cassette to store an LCD glass having a plurality of edges", it is noted that as advanced above, the Pfeiffer et al. '981 reference is considered to be "capable of being used" with such a glass, thereby meeting the claim language.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

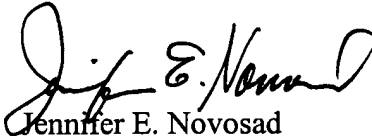
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer E. Novosad whose telephone number is 571-272-6832. The examiner can normally be reached on Monday-Thursday, 5:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard E. Chilcot can be reached on 571-272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Jennifer E. Novosad
Primary Examiner
Art Unit 3634

May 3, 2006